28. The storage system of claim **27**, wherein the controller is configured to initiate the flush of the master record by adding the master record to a write queue for writing to the non-volatile memory.

29. The storage system of claim **28**, wherein a depth of the write queue is less than a capacity of the second superblock.

30. The storage system of claim **27**, wherein the controller is further configured to:

write data for a second write process to a third superblock of addresses in the non-volatile memory, the third superblock designated as a current superblock for the second write process in the master record;

upon writing data to a last address of the third superblock, designate a fourth superblock of addresses in the non-volatile memory as the current superblock for the second write process in the master record stored in the volatile memory, wherein the fourth superblock was designated as a next superblock for the second write process in the master record prior to be designated as the current superblock;

initiate a flush of the master record from the volatile memory to the non-volatile memory after the fourth superblock has been designated as the current superblock for the second write process in the master record, the flush comprising writing the master record to the non-volatile memory; and

write data for the second write process to the fourth superblock of addresses after completing the write of the master record to the non-volatile memory.

31. The storage system of claim **30**, wherein the first write process was initiated by a user data manager and the second write process was not initiated by the user data manager.

32. The storage system of claim **27**, wherein the controller is further configured to:

designate the first superblock of addresses as a previous superblock in the master record; and

designate a third superblock of addresses in the non-volatile memory as the next superblock in the master record.

33. The storage system of claim **27**, wherein the non-volatile memory comprises a plurality of die, and wherein the first and second superblock of addresses each comprise as least one address associated with each of the plurality of die.

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